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ABSTRACT

The present invention discloses an authentication method based on private bytes of USB flash memory media, and implements a unit for executing authentication by using private bytes of USB flash memory media which is often used. A control chip of the USB flash memory disk receives a read/write instruction sent from the authentication unit, determines whether a read/write operation is executed to the private bytes. If it is, the read/write operation to the private bytes is executed. Otherwise, the read/write operation to normal bytes is executed. Thus, a variety of authentication information can be stored in the private bytes of the USB flash memory disk, which are invisible to users and can not be copied and deleted. The normal data can be stored in the normal bytes of the USB flash memory disk so that an encryption and authentication mechanism can be achieved with security and convenience.